

IN THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application.

1. (previously presented) A server, comprising:

a mid-plane circuit board comprising a first electrical connector disposed on a first side of the mid-plane circuit board and a second electrical connector disposed on a second side of the mid-plane circuit board opposite the first side of the mid-plane circuit board;

a chassis having either or both of a front opening or a rear opening;

a board holder operable to receive the mid-plane circuit board, wherein the board holder is operable to be pivoted into a first position relative to the chassis to enable the mid-plane circuit board to be disposed within or removed from the board holder via the front opening or the rear opening and operable to be pivoted into a second position relative to the chassis to enable electrical components to be respectively coupled to the first electrical connector and the second electrical connector; and

a securing member operable to selectively secure the board holder to prevent pivotal movement of the mid-plane circuit board relative to the chassis.

2. (previously presented) The server as recited in claim 1, wherein the securing member is operable to secure the mid-plane circuit board generally vertically in the second position.

3. (previously presented) The server as recited in claim 2, wherein the securing member is operable to release the pivotal board holder to enable the mid-plane circuit board to be pivoted generally horizontally to the first position.

4. (original) The server as recited in claim 1, wherein the board holder is fully disposed within the chassis during operation.

5. (previously presented) The server as recited in claim 1, comprising at least one first component coupled to the first electrical connector and at least one second component coupled to the second electrical connector.

6. (original) The server as recited in claim 1, comprising a processor assembly connectable to the first electrical connector.

7. (original) The server as recited in claim 1, comprising an input/output device connectable to the second electrical connector.

8. (previously presented) The server as recited in claim 1, wherein the mid-plane circuit board comprises a third electrical connector disposed on the first side of the mid-plane circuit board, and wherein the server comprises a memory storage device connectable to the third electrical connector.

9. (previously presented) A method of coupling a mid-plane circuit board to a chassis of a server, comprising:

inserting the mid-plane circuit board into a circuit board holder through a side of the chassis;

rotating the circuit board holder into a first position such that the mid-plane circuit board is coupleable to a first electrical component on a first side of the mid-plane circuit board and a second electrical component on a second side of the mid-plane circuit board opposite the first side of the mid-plane circuit board; and

securing the mid-plane circuit board and the circuit board holder in the first position.

10. (previously presented) The method as recited in claim 9, comprising connecting the first electrical component to an electrical connector disposed on the first side of the mid-plane circuit board and connecting the second electrical component to an electrical connector disposed on the second side of the mid-plane circuit board.

11. (previously presented) The method as recited in claim 9, wherein the act of securing comprises:

operating a circuit board holder securing device to release the circuit board holder for pivoting relative to the chassis; and
pivoting the circuit board holder from a first position to a second position.

12. (previously presented) The method as recited in claim 10, wherein connecting the first electrical component to the electrical connector disposed on the first side of the mid-plane circuit board comprises connecting a data storage assembly to the mid-plane circuit board.

13. (original) The method as recited in claim 11, wherein pivoting the circuit board holder comprises pivoting the circuit board holder toward a front side of the server.

14. (previously presented) The method as recited in claim 13, wherein inserting the mid-plane circuit board into the circuit board holder through the side of the server comprises inserting the mid-plane circuit board through the front side of the server.

15. (original) The method as recited in claim 11, wherein pivoting the circuit board holder comprises pivoting the circuit board holder toward a rear side of the server.

16. (previously presented) The method as recited in claim 15, wherein inserting the mid-plane circuit board into the circuit board holder through the side of the server comprises inserting the circuit board through the rear side of the server.

Claims 17-24. (Canceled)